08/533207

Abstract of the Disclosure:

provided a process for manufacturing a semiconductor device—chip sections 10a is defined on a wafer 10 by scribe lines 18 with each chip section 40a having chip electrodes $\mathcal M$ formed thereon. is covered with a passivating film & except for on the chip electrodes 11. Aluminum interconnection layers are provided such that each layer & is connected to the chip electrode M at one end thereof and the other end of the layer of is extended towards the central portion of the chip section 196. A cover coating film is applied on the passivating film 2 and the layers 6. A number of apertures 66 are formed in the coating film 64 passing therethrough, and bump electrodes 20 are formed at the position corresponding to the apertures 56. sections 1947 are then separated from each other along the scribe lines 1 into semiconductor devices 26.

XXXXXXXX